

Member Profile Report

Prepared for the Board of Trustees and Employer Representatives

As of June 30, 2024



Director's Note



Scott Simon
Executive Director

This *Member Profile Report* is designed to give the MPERS Board of Trustees and the MoDOT and Patrol human resource representatives an annual snapshot of the membership and information that they may find useful in understanding the retirement system.

The information in the report is based on fiscal year data unless otherwise noted on the page.

The report is designed to provide information on the entire membership and then provide information in greater detail by type of member, and often, by employer. For example, page 3 provides data on actives, retirees, survivors, and vested former members while page 4 provides information on the benefit recipients.

Pages 5 to 12 provide information on our actively employed members.

Pages 13 to 14 provide information on our vested former members by age and years of service by employer.

Page 15 provide information on current age, years of service at retirement, and selected retirement plan for our retirees.

Page 16 provides a history of retirements, retirees that took BackDROP, and the member's status at the time of retirement. We ask readers of this report not to use the information on page 16 to counsel members on retirement elections (i.e., whether or not to take a BackDROP).

Page 17 provides a history of the benefit payment elections our members made at retirement. Again, we caution readers of this report not to use that information to counsel members on retirement elections (i.e., whether to take a 50% or 100% survivor option).

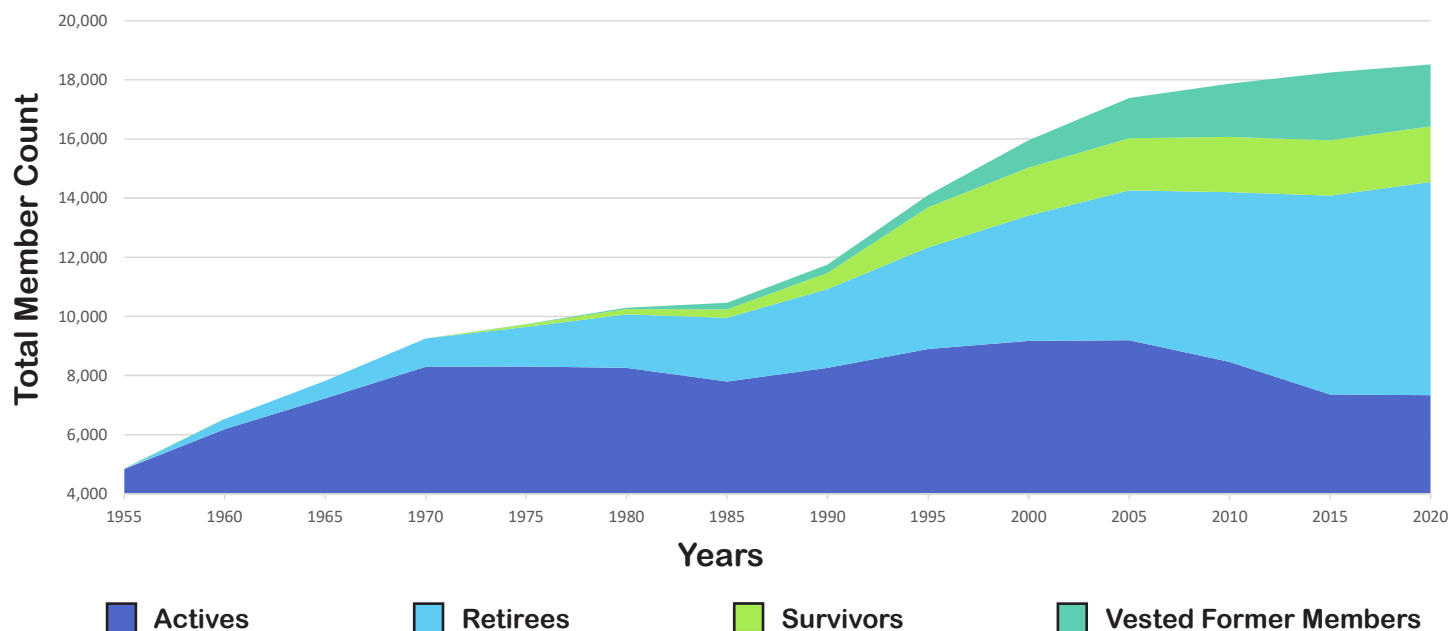
Page 18 provides a running history of average years of service and final average pay for our retirees.

And lastly, pages 19 and 20 provide the locations of our retired members. It is interesting to note that nearly 93% of our retirees continue to live in Missouri supporting their local economies, civic, and social endeavors.

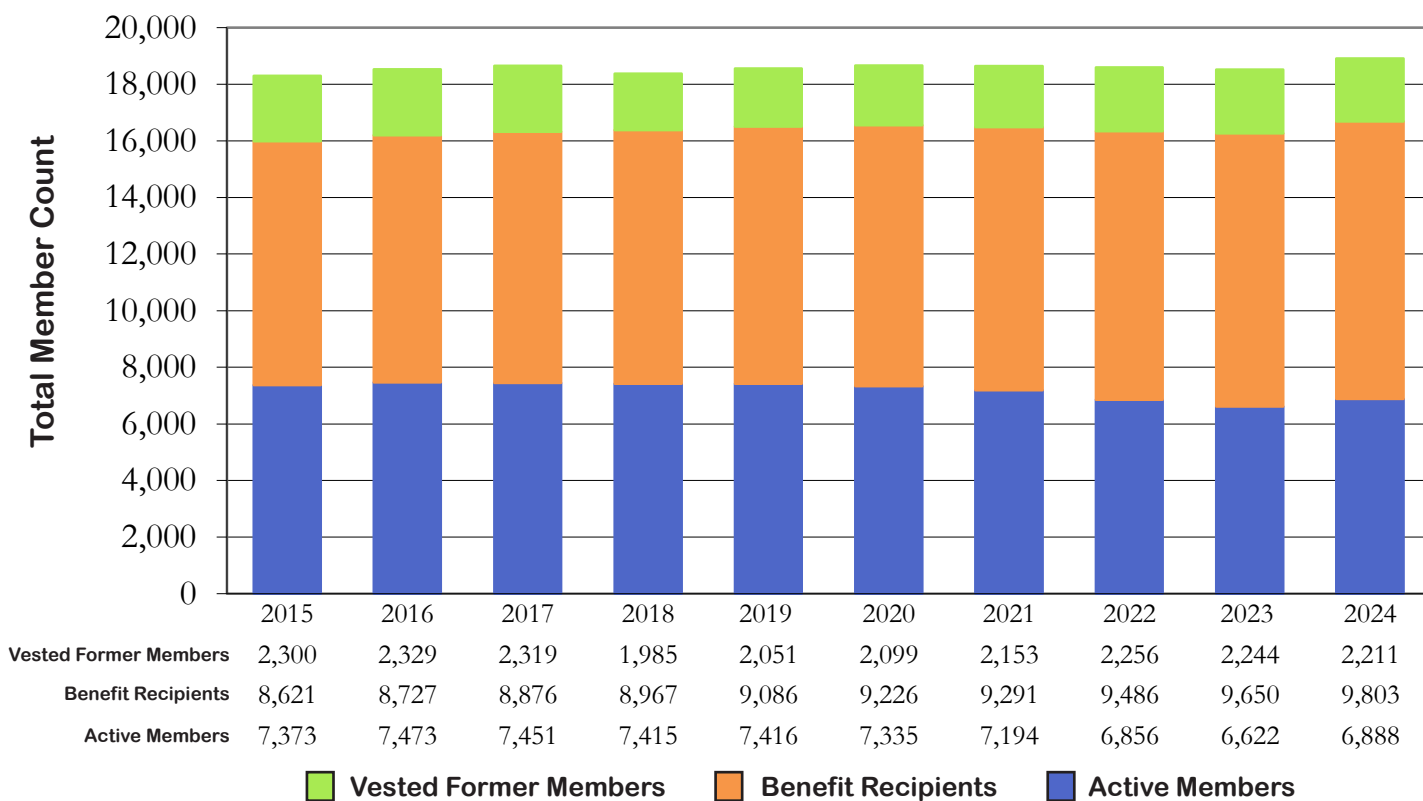
We hope you find the information useful. Should you wish to see different information in future reports, please let us know.

Membership Categories

MPERS Membership Since Inception



Membership Distribution (Last 10 Fiscal Years)

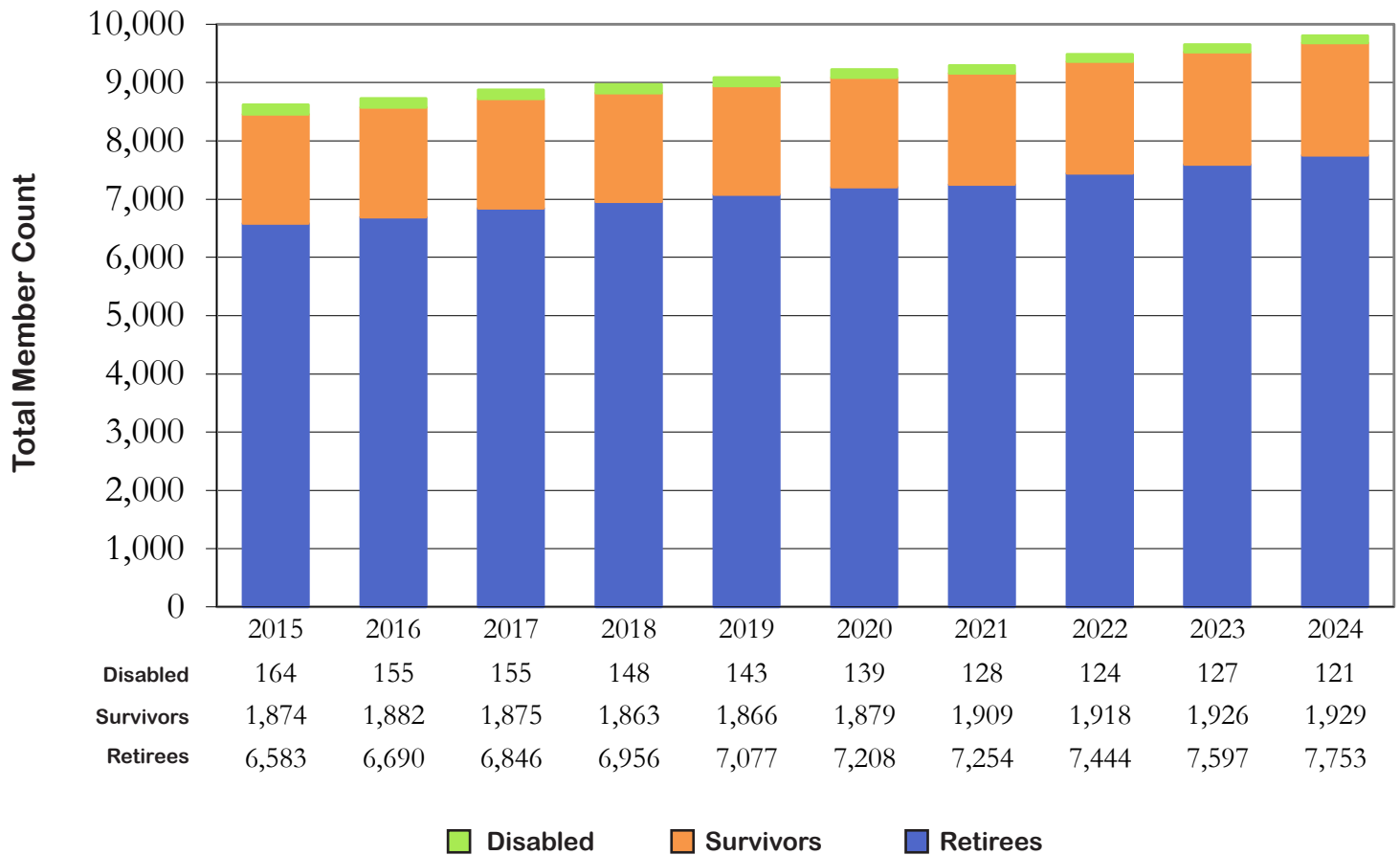


Note: Benefit recipients (9,803) are further detailed on the next page.



Benefit Recipients

Benefit Recipients (Last 10 Fiscal Years)



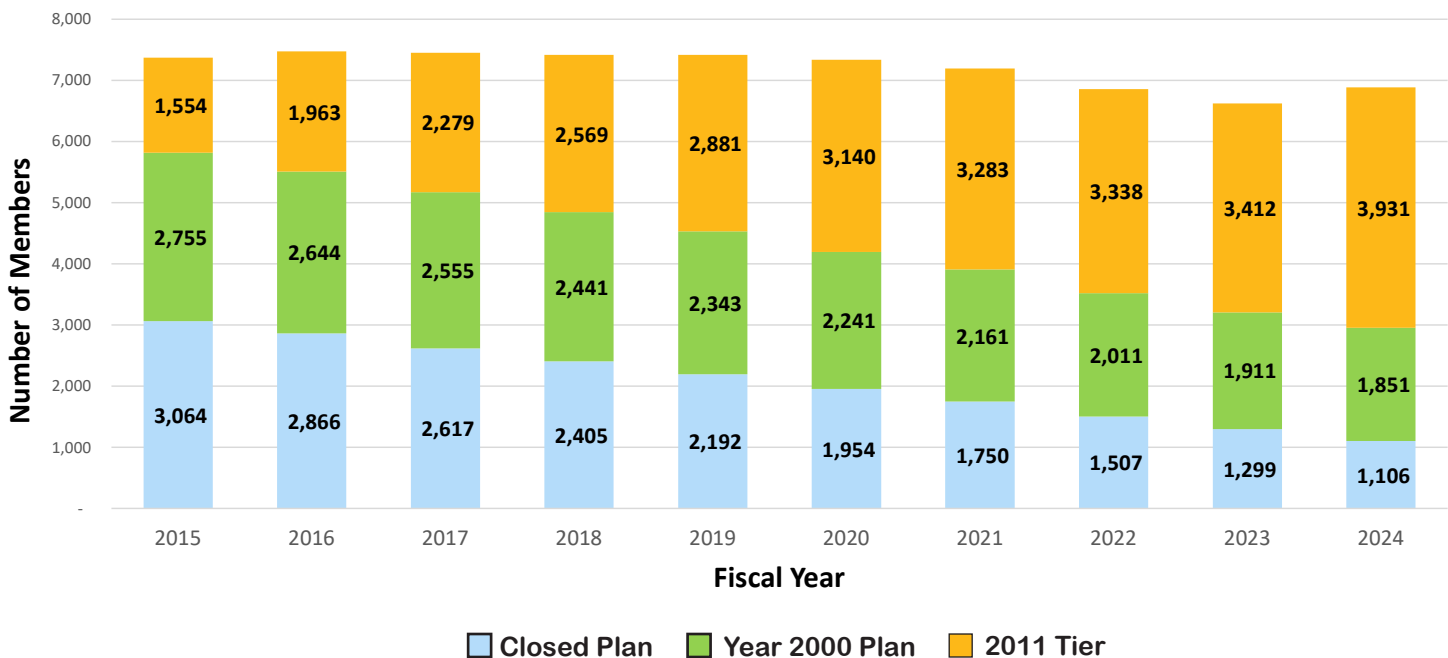
Note: The 2024 total benefit recipient count is 9,803.



MPERS Membership by Plan

Plan	Count	FY 24 Percent of Total	FY 23 Percent of Total	FY 22 Percent of Total
Closed Plan - MoDOT	722			
Closed Plan - Civilian Patrol	137			
Closed Plan - Uniformed Patrol	243			
Closed Plan - MPERS	4			
Subtotal	1,106	16%	20%	22%
Year 2000 Plan - MoDOT	1,196			
Year 2000 Plan - Civilian Patrol	296			
Year 2000 Plan - Uniformed Patrol	348			
Year 2000 Plan - MPERS	11			
Subtotal	1,851	27%	28%	29%
2011 Tier - MoDOT	2,792			
2011 Tier - Civilian Patrol	616			
2011 Tier - Uniformed Patrol	517			
2011 Tier - MPERS	6			
Subtotal	3,931	57%	52%	49%
Grand Total	6,888	100%	100%	100%

MPERS Membership by Plan (Last 10 Fiscal Years)



Active Members Eligible to Retire

Active Members Eligible to Retire

	Total Current Membership		MoDOT Current Membership		Patrol Current Membership		MPERS Current Membership	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
CY24	875	12.67%	608	12.95%	262	11.97%	5	23.81%
CY25	1,076	15.58%	735	15.65%	336	15.35%	5	23.81%
CY29	1,981	28.69%	1,369	29.15%	604	27.59%	8	38.10%
CY34	2,974	43.06%	2,018	42.97%	944	43.12%	12	57.14%
Current Membership	6,906		4,696		2,189		21	

Note: The data in this chart and on pages 8-13 is based on numbers in our pension administration system as of June 30, 2024. These numbers may vary slightly from fiscal year totals due to lag payroll.

Information in the chart above is based on calendar year (CY), not fiscal year.



Active Member Data

By Age

Age of Member	Total	MoDOT	Civilian Patrol	Uniformed Patrol	MPERS
< 21	69	67	2	0	0
21 - 25	445	295	62	87	1
26 - 30	722	453	114	154	1
31 - 35	751	456	118	176	1
36 - 40	796	525	101	167	3
41 - 45	916	614	143	156	3
46 - 50	958	655	130	171	2
51 - 55	1,075	742	165	160	8
56 - 60	716	542	135	37	2
61 - 65	372	308	64	0	0
66+	68	53	15	0	0
Total	6,888	4,710	1,049	1,108	21

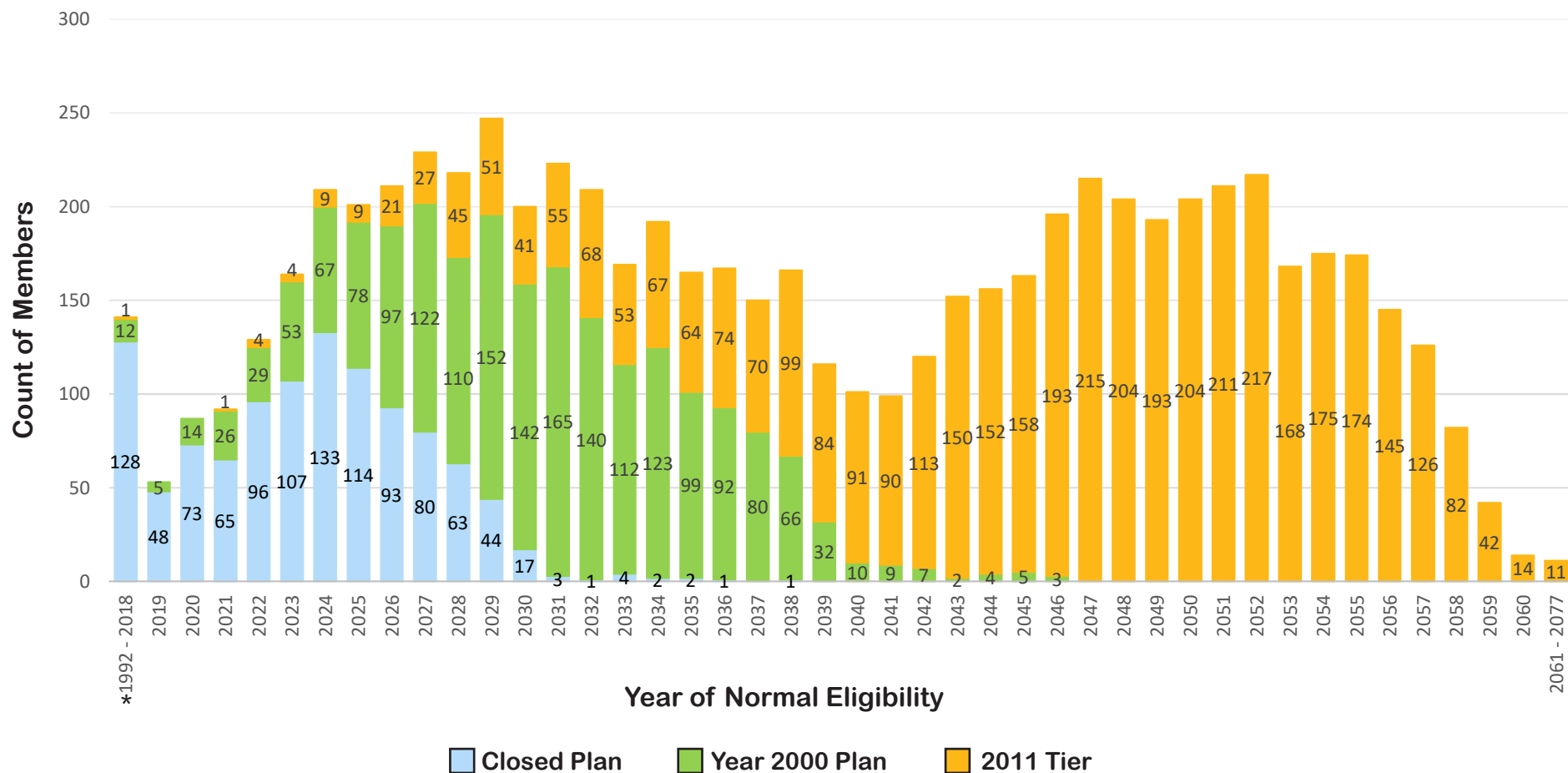
By Years of Service

Years of Service	Total	MoDOT	Civilian Patrol	Uniformed Patrol	MPERS
< 01	862	714	94	52	2
01 - 05	1,700	1,206	269	222	3
06 - 10	1,242	858	220	163	1
11 - 15	650	350	137	159	4
16 - 20	884	580	132	167	5
21 - 25	790	540	108	140	2
26 - 30	552	310	65	174	3
31 - 35	162	113	18	30	1
36 - 40	34	29	4	1	0
41 - 45	8	8	0	0	0
46+	4	2	2	0	0
Total	6,888	4,710	1,049	1,108	21



Active Member Data as of June 30, 2024

Count of All Members by Year of Normal Retirement Date

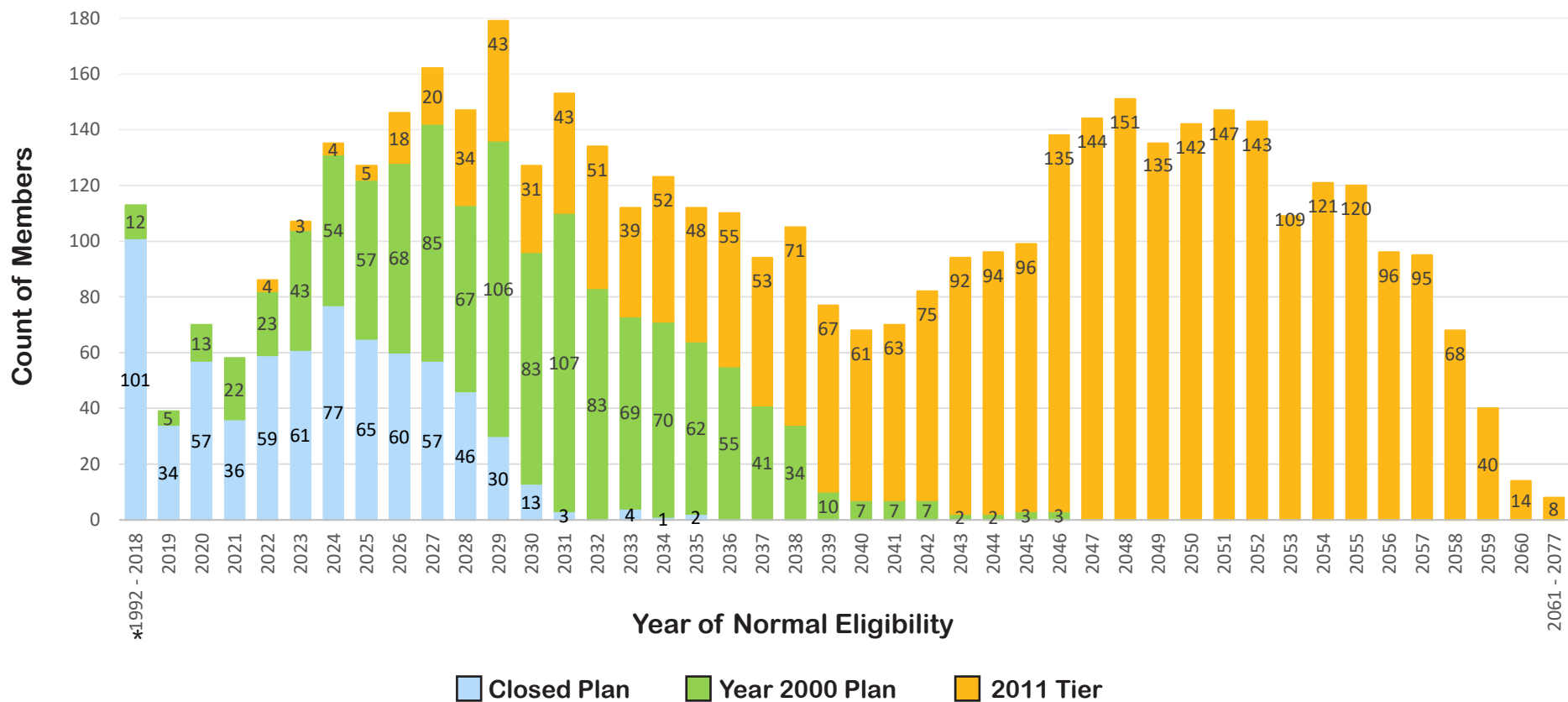


* All members in this group were eligible for the maximum five-year BackDROP by the end of 2023.



Active Member Data as of June 30, 2024

Count of MoDOT Members by Year of Normal Retirement Date

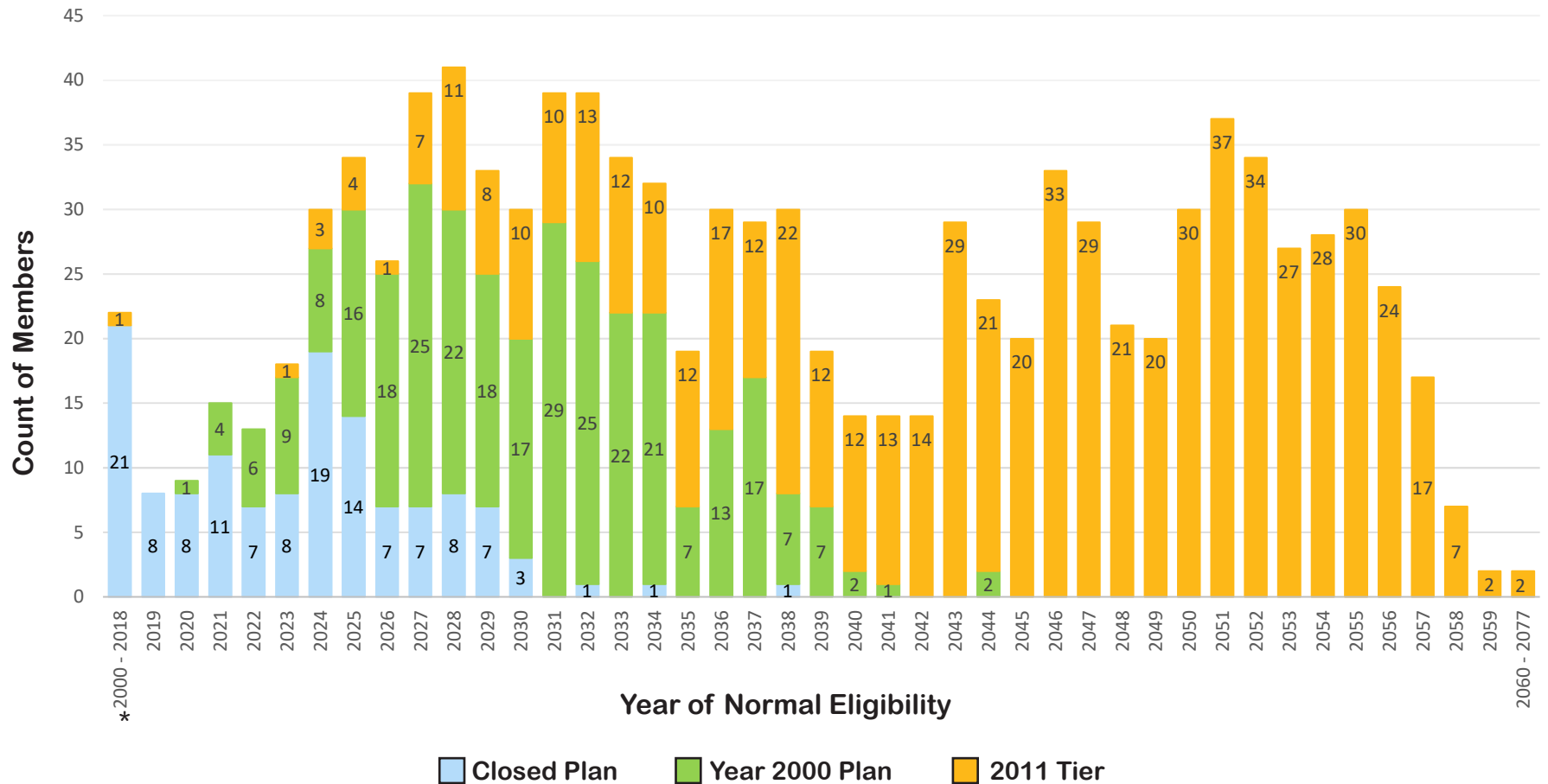


* All members in this group were eligible for the maximum five-year BackDROP by the end of 2023.



Active Member Data as of June 30, 2024

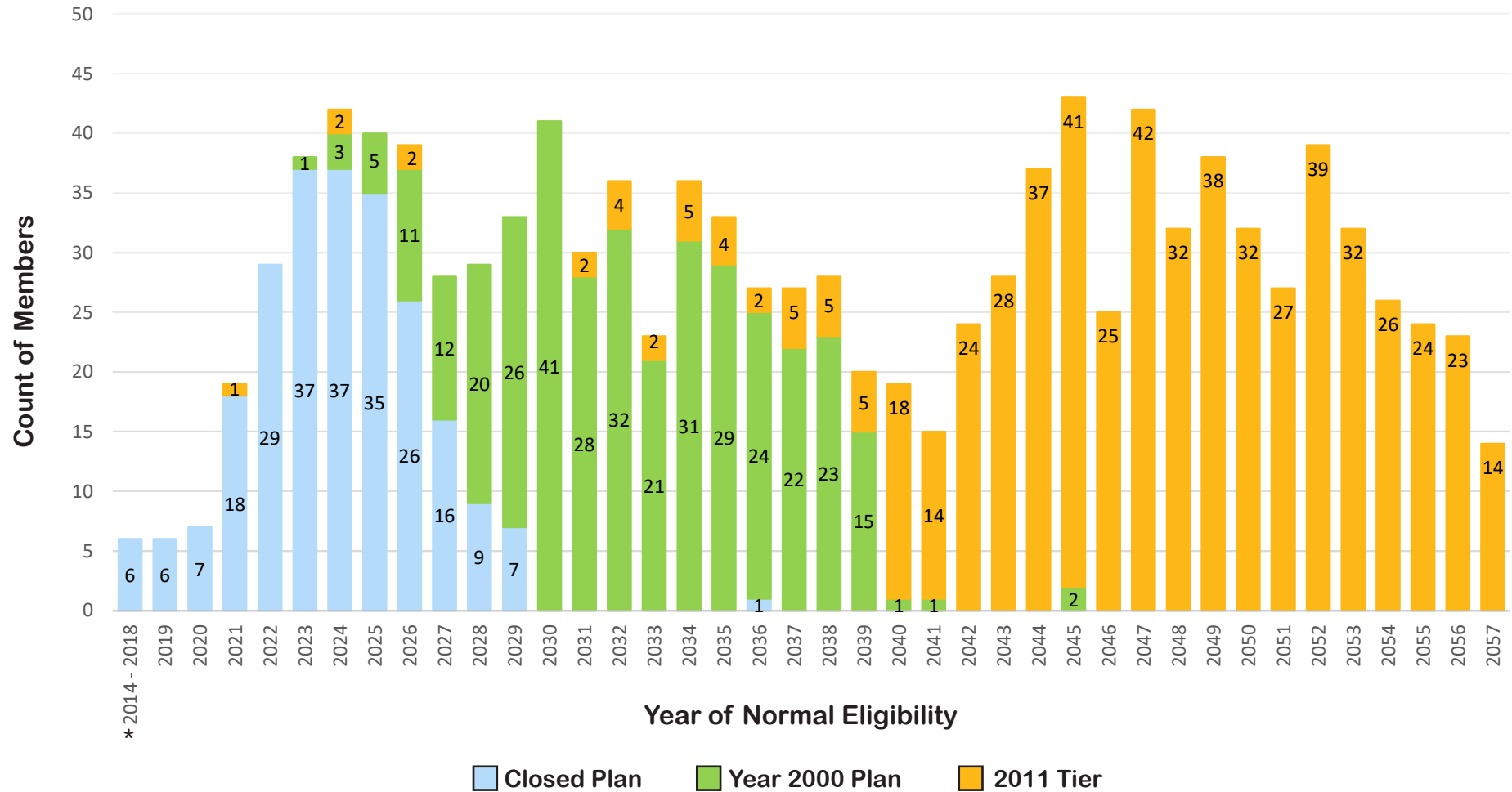
Count of Civilian Patrol Members by Year of Normal Retirement Date



* All members in this group were eligible for the maximum five-year BackDROP by the end of 2023.



Count of Uniformed Patrol Members by Year of Normal Retirement Date

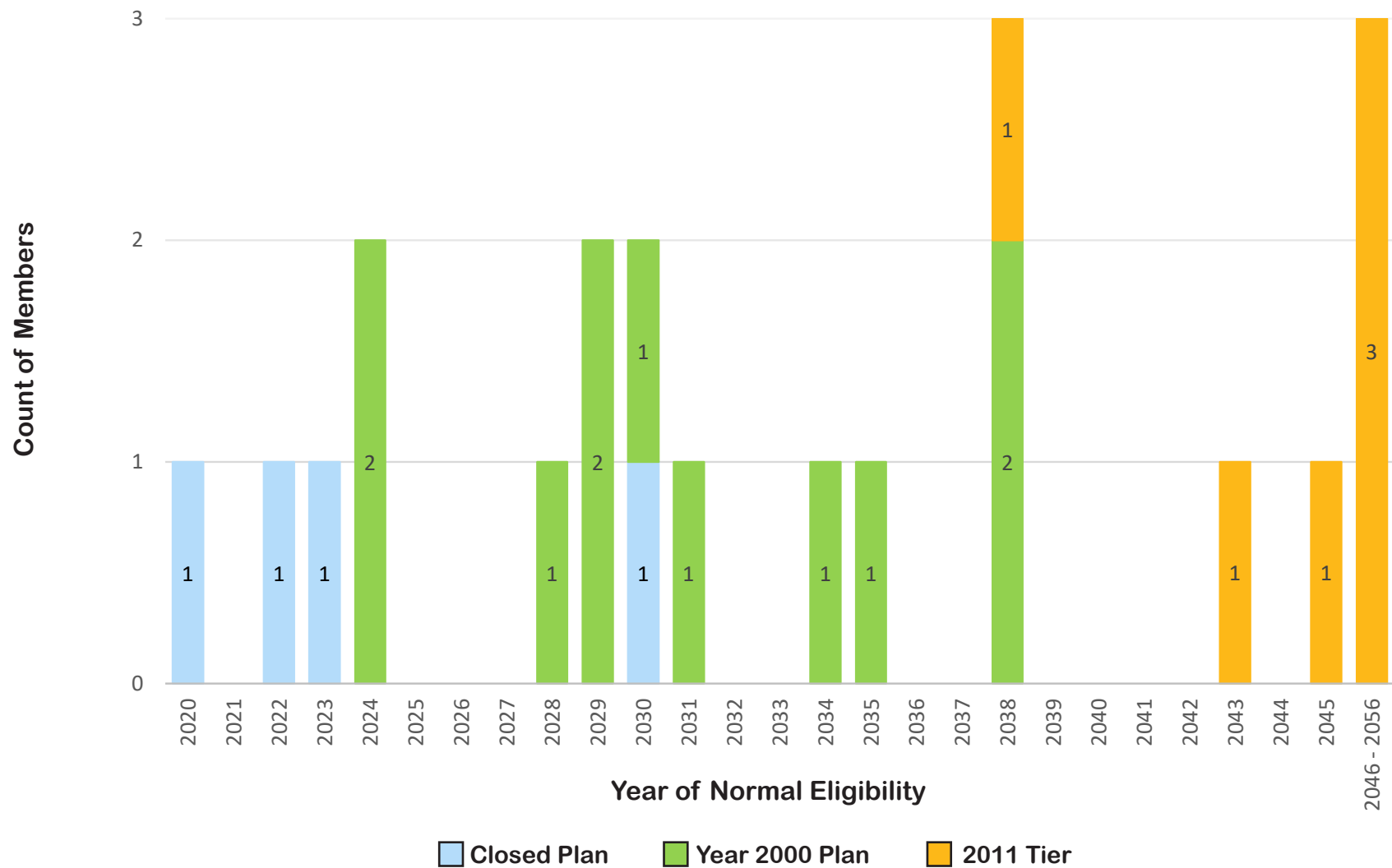


* All members in this group were eligible for the maximum five-year BackDROP by the end of 2023.

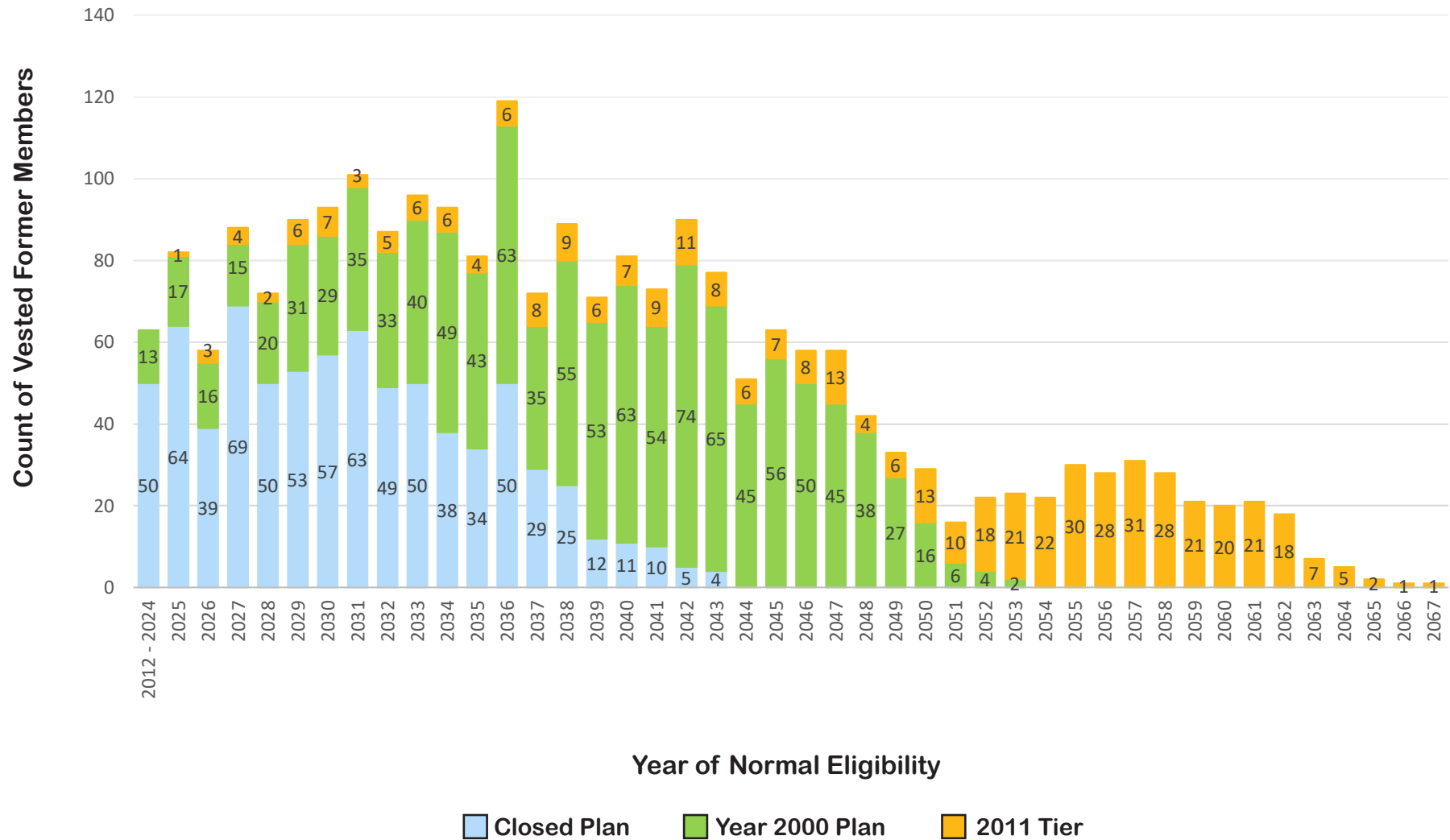


Active Member Data as of June 30, 2024

Count of MPERS Members by Year of Normal Retirement Date



Count of Vested Former Members by Year of Normal Retirement Date



Vested Former Member Data

By Age

Age of Member	Total	MoDOT	Civilian Patrol	Uniformed Patrol	MPERS
< 21	0	0	0	0	0
21 - 25	3	3	0	0	0
26 - 30	56	48	5	3	0
31 - 35	147	100	22	24	1
36 - 40	259	179	43	37	0
41 - 45	368	293	55	20	0
46 - 50	453	380	46	26	1
51 - 55	510	390	61	59	0
56 - 60	312	279	30	3	0
61 - 65	99	86	13	0	0
66+	4	4	0	0	0
Total	2,211	1,762	275	172	2

By Years of Service

Years of Service	Total	MoDOT	Civilian Patrol	Uniformed Patrol	MPERS
05	373	293	51	29	0
06 - 10	1,098	871	130	95	2
11 - 15	475	373	70	32	0
16 - 20	198	169	19	10	0
21 - 25	63	52	5	6	0
26 - 30	3	3	0	0	0
31 - 35	0	0	0	0	0
36 - 40	1	1	0	0	0
41+	0	0	0	0	0
Total	2,211	1,762	275	172	2



Retiree Member Data

Current Age of All Retirees

Age of Member	Total	MoDOT	Civilian Patrol	Uniformed Patrol	MPERS
48 - 49	0	0	0	0	0
50 - 54	157	95	9	53	0
55 - 59	680	413	69	196	2
60 - 64	1,376	1,030	170	175	1
65 - 69	1,700	1,320	235	140	5
70 - 74	1,414	1,042	238	132	2
75 - 79	1,109	827	173	109	0
80 - 84	695	506	95	92	2
85 - 89	419	322	39	58	0
90 - 94	161	123	28	10	0
95 - 99	37	27	5	5	0
100 +	5	4	0	1	0
Total	7,753	5,709	1,061	971	12

Total Years of Service for All Retirees

Years of Service	Total	MoDOT	Civilian Patrol	Uniformed Patrol	MPERS
01 - 05	163	120	34	9	0
06 - 10	607	451	109	47	0
11 - 15	706	541	131	33	1
16 - 20	743	605	117	20	1
21 - 25	1,200	970	179	50	1
26 - 30	2,330	1,619	258	451	2
31 - 35	1,323	861	169	287	6
36 - 40	515	393	51	71	0
41 - 45	152	136	12	3	1
46 - 50	14	13	1	0	0
Total	7,753	5,709	1,061	971	12

Retirees by Retirement Plan

Retirement Plan	Total	MoDOT	Civilian Patrol	Uniformed Patrol	MPERS
Closed Plan	3,210	1,869	375	963	3
Year 2000 Plan	4,481	3,798	667	8	8
2011 Tier	62	42	19	0	1
Total	7,753	5,709	1,061	971	12



Retiree and BackDROP Data

	FY 24		FY 23		FY 22		FY 21		FY 20	
	Total	Percent	Total	Percent	Total	Percent	Total	Percent	Total	Percent
Retiring Member Data										
Total members retiring (from active status, disabled, vested former members)	376	42%	391	44%	431	47%	335	37%	339	38%
Monthly average of members eligible to retire that year	896		893		917		912		883	

	FY 24		FY 23		FY 22		FY 21		FY 20	
	Total	Percent	Total	Percent	Total	Percent	Total	Percent	Total	Percent
BackDROP Data										
Retirees who elected BackDROP	104		128		170		112		140	
Retirees eligible to elect BackDROP	133	78%	140	91%	187	91%	130	86%	150	93%
Retirees who elected cash BackDROP payment (includes installments)	12	12%	22	17%	23	13%	10	9%	20	14%
Retirees who elected a combination (cash/rollover) BackDROP payment	15	14%	16	13%	20	12%	17	15%	22	16%
Retirees who elected a rollover BackDROP payment	<u>77</u>	74%	<u>90</u>	70%	<u>127</u>	75%	<u>85</u>	76%	<u>98</u>	70%
Total BackDROP payments	<u>104</u>		<u>128</u>		<u>170</u>		<u>112</u>		<u>140</u>	

Member Status at Retirement

Fiscal Year	MoDOT			Patrol			MPERS			Totals				Percents		
	Active	Vested	Disabled	Active	Vested	Disabled	Active	Vested	Disabled	Active	Vested	Disabled	Total	Active	Vested	Disabled
2024	181	79	6	82	25	2	1	0	0	264	104	8	376	70%	28%	2%
2023	174	87	6	97	24	2	1	0	0	272	111	8	391	70%	28%	2%
2022	222	66	11	110	20	2	0	0	0	332	86	13	431	77%	20%	3%
2021	181	45	10	75	23	1	0	0	0	256	68	11	335	77%	20%	3%
2020	182	58	11	75	11	1	1	0	0	258	69	12	339	76%	20%	4%



Retiree Benefit Payment Options Selected

Retiree Benefit Payment Options Selected

Benefit Payment Option Data (a)	FY 24			FY 23			FY 22			FY 21			FY 20		
Retirees Electing:	MoDOT	Patrol	%	MoDOT	Patrol	%	MoDOT	Patrol	%	MoDOT	Patrol	%	MoDOT	Patrol	%
Life Income Annuity	112	28	37%	96	32	33%	124	38	38%	91	25	34%	105	25	38%
50% Joint and Survivor	53	33	23%	70	44	29%	66	43	25%	62	31	28%	60	32	27%
100% Joint and Survivor	89	45	36%	91	43	34%	100	49	35%	78	42	36%	73	27	30%
60 Guaranteed Payments (b)	0	0	0%	1	0	1%	0	0	0%	0	0	0%	0	1	0%
120 Guaranteed Payments	6	2	2%	4	4	2%	4	1	1%	4	0	1%	11	1	4%
180 Guaranteed Payments (c)	7	1	2%	5	0	1%	5	1	1%	1	1	1%	3	0	1%
Subtotals	267	109		267	123		299	132		236	99		252	86	
Total Retired (d)	376			391			431			335			339		

(a) normal and early retirements combined

(b) option in Closed Plan only

(c) option in Year 2000 Plan only

(d) 1 MPERS employee retired in FY 20, FY 23 and FY 24, otherwise all data is for MoDOT or Patrol employees

Detailed Retiree Benefit Payment Options Selected for FY 24

Benefit Payment Option Data Retirees Electing:	MoDOT			Civilian Patrol			Uniformed Patrol		
	Closed (a)	Year 2000 (b)	2011 Tier (c)	Closed (d)	Year 2000 (e)	2011 Tier (f)	Closed (g)	Year 2000 (h)	2011 Tier (i)
Life Income Annuity	13	92	6	1	19	3	5	0	0
50% Joint and Survivor	18	34	1	5	6	0	21	1	0
100% joint and Survivor	25	59	5	4	7	1	33	0	0
60 Guaranteed Payments	0	n/a	n/a	0	n/a	n/a	0	n/a	n/a
120 Guaranteed Payments	1	5	0	0	0	1	1	0	0
180 Guaranteed Payments	n/a	7	0	n/a	1	0	n/a	0	0
Subtotals	57	197	12	10	33	5	60	1	0
Total Retired (j)		266			48			61	

(a) 7 early retirements

(b) 19 early retirements

(c) 9 early retirements

(d) 1 early retirements

(e) 4 early retirements

(f) 4 early retirements

(g) 0 early retirements

(h) 0 early retirements

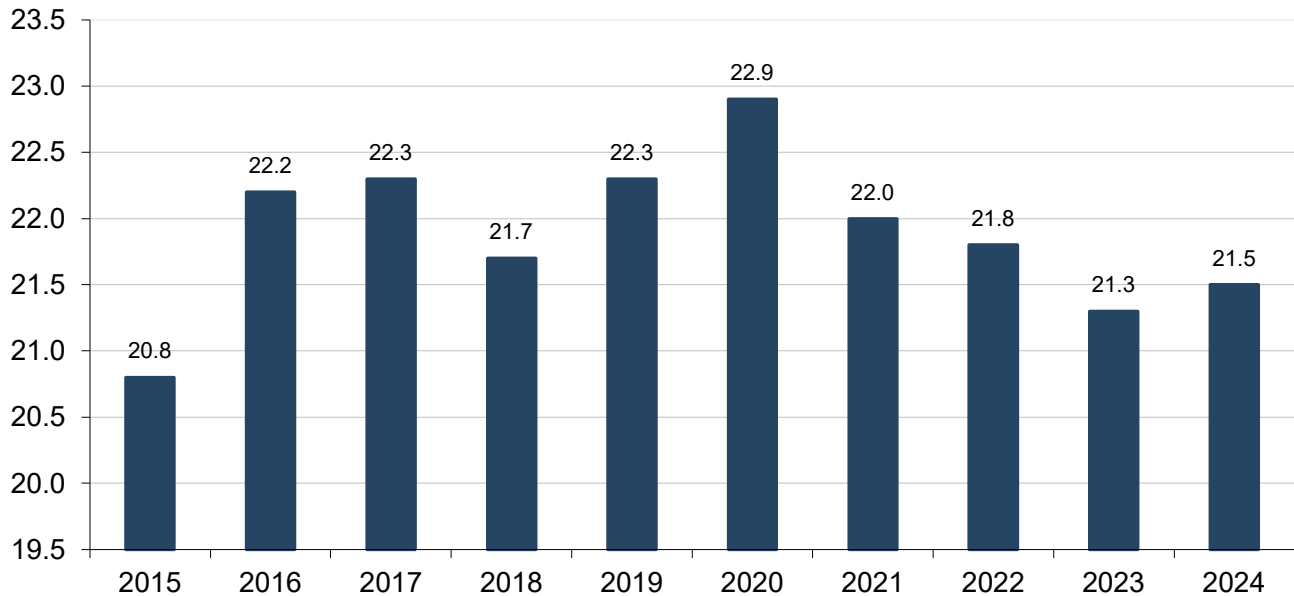
(i) 0 early retirements

(j) Not included in totals - 1 MPERS employee retired in FY 2024 under the 2011 Tier Plan with the Single Life Annuity option

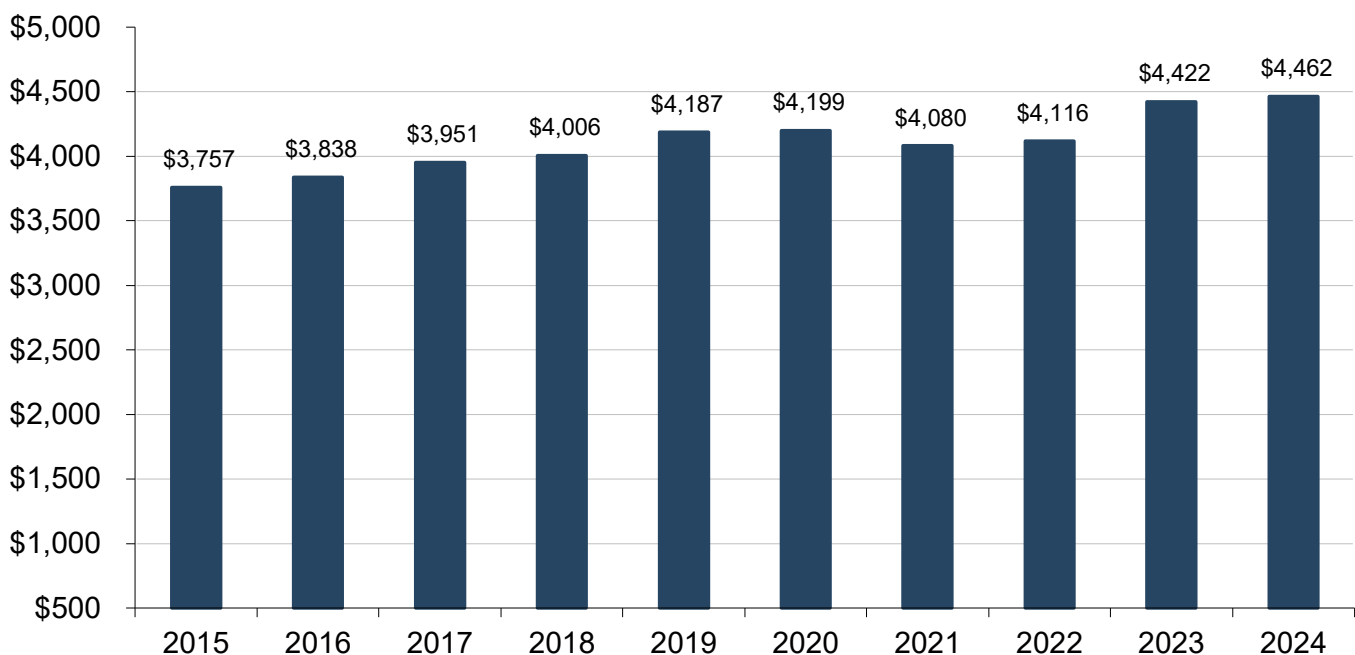


Service and Final Average Pay for New Retirees

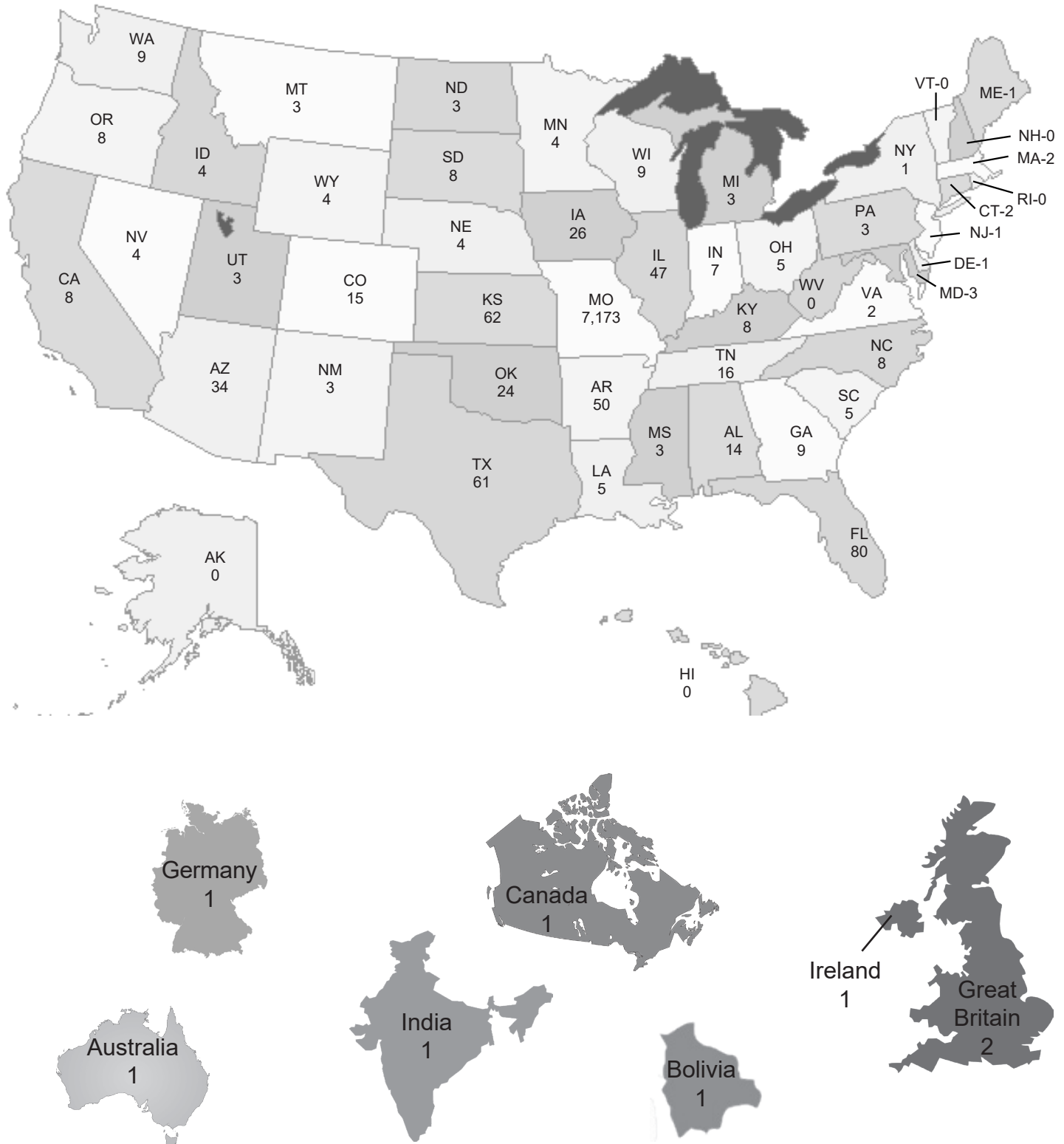
Average Years of Service for New Retirees by Fiscal Year



Final Average Pay for New Retirees by Fiscal Year



Location of Our 7,753 Retirees - by State & Country



Benefit Recipients NOT Living in Missouri

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Benefit data in the map above includes regular monthly benefit payments, BackDROP payments, \$5,000 death benefits, and employee contribution refunds issued during FY 2024.